

IN THE SPECIFICATION

Please replace Table 1, on pages 28-31, with the following Table 1:

Salt effect		
Content	pH	Solubility c (mg/ml) uv
10 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$,	7	0.21
10 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 150 mM NaCl	7	0.72
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 150 mM NaCl	7	0.85
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 0.5M NaCl	7	6.71
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 1M NaCl	7	8.24
pH effect		
Content	pH	c (mg/ml) uv
20 mM NaOAc, 150 mM NaCl	3	10.27
20 mM NaOAc, 150 mM NaCl	3.5	10.25
20 mM NaOAc, 150 mM NaCl	4	7.54
20 mM NaOAc, 150 mM NaCl	4.5	1.75
20 mM NaOAc, 150 mM NaCl	5	1.15
20 mM NaOAc, 150 mM NaCl	5.5	0.85
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 150 mM NaCl	5.5	0.89
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 150 mM NaCl	6	0.78
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 150 mM NaCl	6.5	0.79
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 150 mM NaCl	7	0.95
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 150 mM NaCl	7.5	0.82
20 mM $\text{NaPO}_4 \text{ Na}_3\text{PO}_4$, 150 mM NaCl	8	0.86
20 mM NaCitrate, 150 mM NaCl	4	2.17
20 mM NaCitrate, 150 mM NaCl	4.5	1.19
20 mM NaCitrate, 150 mM NaCl	5	1.1
20 mM NaCitrate, 150 mM NaCl	5.5	1.84
20 mM NaCitrate, 150 mM NaCl	6	2.09
20 mM NaCitrate, 150 mM NaCl	6.5	2.12
20 mM NaCitrate, 150 mM NaCl	7	1.92
20 mM Glycine, 150 mM NaCl	9	0.32
20 mM Glycine, 150 mM NaCl	10	0.9
20 mM Glycine, 150 mM NaCl	11	13.94
20 mM L-Glutamate, 150 mM NaCl	4	9.07
20 mM L-Glutamate, 150 mM NaCl	5	1.21

20 mM Succinate, 150 mM NaCl	4	8.62
20 mM Succinate, 150 mM NaCl	5	1.21
20 mM Succinate, 150 mM NaCl	6	1.07
Citrate		
Content	pH	c (mg/ml) uv
10 mM NaPO_4 Na_3PO_4 , 20 mM NaCitrate	7	1.16
10 mM NaPO_4 Na_3PO_4 , 50 mM NaCitrate	7	5.81
10 mM NaPO_4 Na_3PO_4 , 100 mM NaCitrate	7	12.7
10 mM NaPO_4 Na_3PO_4 , 200 mM NaCitrate	7	15.9
10 mM NaPO_4 Na_3PO_4 , 300 mM NaCitrate	7	8.36
Mg ²⁺ , Ca ²⁺ and polyphosphate		
Content	pH	C (mg/ml) uv
10 mM NaPO_4 Na_3PO_4 , 150 mM NaCl, 1 mM MgCl ₂	7	0.66
10 mM NaPO_4 Na_3PO_4 , 150 mM NaCl, 10 mM MgCl ₂	7	1.02
10 mM NaPO_4 Na_3PO_4 , 150 mM NaCl, 0.1 mM C	7	0.67
10 mM NaPO_4 Na_3PO_4 , 150 mM NaCl, 1 mM CaCl ₂	7	0.71
10 mM NaPO_4 Na_3PO_4 , 150 mM NaCl, 10 mM triphosphate	7	3.64
10 mM NaPO_4 Na_3PO_4 , 5% PEG-400	7	0.07
10 mM NaPO_4 Na_3PO_4 , 10 mM EDTA	7	0.36
10 mM NaPO_4 Na_3PO_4 , 100 mM Na ₂ SO ₄	7	5.08
10 mM NaPO_4 Na_3PO_4 , 100 mM L-aspartic acid	7	0.4
10 mM NaPO_4 Na_3PO_4 , 100 mM Succinic acid	7	2.33
10 mM NaPO_4 Na_3PO_4 , 100 mM Tartaric acid	7	2.56
20 mM NaPO_4 Na_3PO_4 , 100 mM Maleic aci	7	0.11
20 mM NaPO_4 Na_3PO_4 , 100 mM Malic acid	7	1.87
10 mM NaPO_4 Na_3PO_4 , 100 mM L-glutamic acid	7	0
10 mM NaPO_4 Na_3PO_4 , 150 mM NaCl	7	0.25
10 mM NaPO_4 Na_3PO_4 , 100 mM isocitrate	7	10.83
NaOAc, NaPO_4 Na_3PO_4 and NaCl		
Content	pH	C (mg/ml) uv
10 mM NaOAc, 150 mM NaCl	4.5	1.76
10 mM NaOAc	4.5	4.89
10 mM NaOAc	5.5	4.95
10 mM NaOAc	6.5	5.1
10 mM NaOAc	7	5.87
10 mM NaPO_4 Na_3PO_4 , 150 mM NaCl	4.5	0.14
10 mM NaPO_4 Na_3PO_4	4.5	4.97
10 mM NaPO_4 Na_3PO_4	5.5	0.79
10 mM NaPO_4 Na_3PO_4	6.5	0.091

10 mM NaPO4 <u>Na₃PO₄</u>	7	0.94
50 mM NaOAc	5	5.24
5 mM NaOAc	5.5	4.59
10 mM NaOAc	5.5	5.05
20 mM NaOAc	5.5	5.04
50 mM NaOAc	5.5	5.71
100 mM NaOAc	5.5	1.4
200 mM NaOAc	5.5	1.32
5 mM NaOAc, 5 mM NaCl	5.5	4.85
5 mM NaOAc, 10 mM NaCl	5.5	5.04
5 mM NaOAc, 50 mM NaCl	5.5	0.56
5 mM NaOAc, 100 mM NaCl	5.5	0.43
5 mM NaOAc, 200 mM NaCl	5.5	0.8
5 mM NaOAc	4.5	7.27
10 mM NaOAc	4.5	6.5
20 mM NaOAc	4.5	8.32
50 mM NaOAc	4.5	9.17
5 mM NaOAc	5.5	8.98
10 mM NaOAc	5.5	8.08
20 mM NaOAc	5.5	8.99
50 mM NaOAc	5.5	2.92
5 mM NaOAc, 150 mM NaCl	4.5	2.6
10 mM NaOAc, 150 mM NaCl	4.5	2.59
20 mM NaOAc, 150 mM NaCl	4.5	2.55
50 mM NaOAc, 150 mM NaCl	4.5	2.1
5 mM NaOAc, 150 mM NaCl	5.5	0.65
10 mM NaOAc, 150 mM NaCl	5.5	0.69
20 mM NaOAc, 150 mM NaCl	5.5	0.74
50 mM NaOAc, 150 mM NaCl	5.5	0.91
Hydrophobic chain length		
Content	pH	C (mg/ml) uv
10 mM NaPO4 <u>Na₃PO₄</u> , 50 mM Formic acid	7	0.12
10 mM NaPO4 <u>Na₃PO₄</u> , 50 mM Acetic acid	7	0.16
10 mM NaPO4 <u>Na₃PO₄</u> , 50 mM Propanoic acid	7	0.16
10 mM NaPO4 <u>Na₃PO₄</u> , 50 mM Butanoic acid	7	0.13
10 mM NaPO4 <u>Na₃PO₄</u> , 50 mM Pentanoic acid	7	0.14
10 mM NaPO4 <u>Na₃PO₄</u> , 50 mM Hexanoic acid	7	0.11
Others		
Content	pH	C (mg/ml) uv
20 mM NaOAc, 3% Mannitol, 2% Sucrose, 5% PEG-400	4	19.9

20 mM Na Citrate, 3% Mannitol, 2% Sucrose, 5% PEG-400	6.5	0.72
20 mM Na Citrate, 150 mM NaCl, 5% PEG.400	6.5	2.18
20 mM NaOAc, 150 mM NaCl, 5% PEG-400	4	19.8
20 mM Na Citrate, 130 mM NaCl, 1% Glycine, 0.25% Tween-80 <u>TWEEN®-80 (polyoxyethylenesorbitan, monooleate)</u> , 5% PEG-400	6.5	1.48
20 mM Na Citrate, 130 mM NaCl, 1% Glycine, 0.25% Tween-80 <u>TWEEN®-80 (polyoxyethylenesorbitan, monooleate)</u>	6.5	1.32
		Solubility
Content	pH	C (mg/ml) uv
5 mM NaAcetate	5.5	8.9
5 mM NaAcetate, 8% Sucrose	5.5	11
5 mM NaAcetate, 0.01% Polvsorbate-80	5.5	7
5 mM NaAcetate, 8% Sucrose, 0.01% Polysorbate-80	5.5	12
10 mM NaAcetate	5.5	7.6
10 mM NaAcetate, 8% Sucrose	5.5	10
10 mM NaAcetate, 8% Sucrose, 0.01% Polysorbate-80	5.5	12.1
5 mM NaAcetate, 5% Sorbitol	5.5	7.8
5 mM NaAcetate, 4.5% Mannitol	5.5	9.2
5 mM Histidine	6	5.5
5 mM Histidine	6.5	1
5 mM NaCitrate	5.5	0.1
5 mM NaCitrate	6	0.1
5 mM NaCitrate	6.5	0.1
5 mM NaSuccinate	5.5	0.6
5 mM NaSuccinate	6	0.3
5 mM NaSuccinate	6.5	0.2
10 mM Imidazole	6.5	2.5, 10.8
10 mM Imidazole	7	0.8
10 mM Imidazole, 8% Sucrose	6.5	12.2
5 mM NaAcetate	6	8.2
10 mM Imidazole, 5 mM NaAcetate	6.5	12.8
10 mM NaCitrate	6	0.2
100 mM NaCitrate	6	8.1
100 mM NaCitrate	7	9.3
10 mM Naphosphate, 260 mM Na ₂ SO ₄	6	9.1
10 mM NaPhosphate, 100 mM NaCitrate	8	8.8
10 mM NaCitrate, 1% L-glutamic acid	6	4.6
10 mM NaCitrate, 2% L-lysine	6	1.1
10 mM NaCitrate, 0.5% L-aspartic acid	6	0.4
10 mM NaCitrate, 0.1% Phosphate glass	7	5.9
10 mM Tris, 100 mM NaCitrate	8	8.5
10 mM NaCitrate, 1M Glycine	6	0.3
10 mM NaCitrate, 300 mM Glycine	6	0.3

10 mM NaCitrate, 280 mM Glycerol	6	0.3
10 mM NaCitrate, 0.5M (NH ₄) ₂ SO ₄	6	8.3
10 mM NaCitrate, 120 mM (NH ₄) ₂ SO ₄	6	8.8
10 mM NaCitrate, 260 mM Na ₂ SO ₄	6	9.4
10 mM NaPO₄ <u>Na₃PO₄</u> , 0.1 % Phosphate glass	7	15.8
10 mM NaCitrate, 0.1% SDS	6	11.2
10 mM NaCitrate, 0.02% SDS	6	7.8
10 mM NaAcetate, 8% PEG-400	5.5	13.7
10 mM NaAcetate, 150 mM NaCl, 8% PEG-400	5.5	0.6
10 mM NaAcetate, 8% PEG-400	6	16.2
10 mM NaCitrate, 8% PEG-400	6	0.2

Please replace the first paragraph on page 33, at lines 1-6, with the following paragraph:

Figure 13 shows two non-reducing SDS gels for TFPI formulation samples in 10 mM ~~NaPO₄~~ Na₃PO₄, 150 mM NaCl, and 0.005% polysorbate-80 at pH 4 to pH 9 stored at 40°C for 0 days (lower) and 20 days (upper). No loss on TFPI is seen at 0 days. However, at 20 days cleavage fragments of TFPI may be seen at the lower pH range (*i.e.* pH 4 and pH 5). Without being bound to a particular theory, it is believed that these fragments may result from an acid catalyzed reaction.